

Accepted Manuscript

Performance of the biocontrol agent *Secusio extensa* (Lepidoptera: Erebidae) on its target host, *Senecio madagascariensis* (Madagascar fireweed), on an alternate host, *Delairea odorata* (Cape ivy), and on non-target plants, in Hawaii.

Paul D. Krushelnycky, Forest Starr, Kim Starr, Melelani Abran, Mark Thorne, James Leary, Mach Fukada, Daniel Rubinoff

PII: S1049-9644(18)30169-5
DOI: <https://doi.org/10.1016/j.biocontrol.2018.03.010>
Reference: YBCON 3736

To appear in: *Biological Control*

Received Date: 20 January 2018
Revised Date: 14 March 2018
Accepted Date: 21 March 2018

Please cite this article as: Krushelnycky, P.D., Starr, F., Starr, K., Abran, M., Thorne, M., Leary, J., Fukada, M., Rubinoff, D., Performance of the biocontrol agent *Secusio extensa* (Lepidoptera: Erebidae) on its target host, *Senecio madagascariensis* (Madagascar fireweed), on an alternate host, *Delairea odorata* (Cape ivy), and on non-target plants, in Hawaii., *Biological Control* (2018), doi: <https://doi.org/10.1016/j.biocontrol.2018.03.010>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Title: Performance of the biocontrol agent *Secusio extensa* (Lepidoptera: Erebidae) on its target host, *Senecio madagascariensis* (Madagascar fireweed), on an alternate host, *Delairea odorata* (Cape ivy), and on non-target plants, in Hawaii.

Paul D. Krushelnycky¹, Forest Starr², Kim Starr², Melelani Abran³, Mark Thorne³, James Leary⁴, Mach Fukada⁵, and Daniel Rubinoff¹

¹Department of Plant and Environmental Protection Sciences, Entomology Section, College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa, Honolulu, HI

²Pacific Cooperative Studies Unit, College of Natural Sciences, University of Hawaii at Manoa, Honolulu, HI

³Department of Human Nutrition, Food and Animal Sciences, College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa, Honolulu, HI

⁴Department of Natural Resources and Environmental Management, College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa, Honolulu, HI

⁵State of Hawaii Department of Agriculture, Plant Pest Control Branch, Kahului, HI

Corresponding author: Paul Krushelnycky, 3050 Maile Way, Gilmore 310, Honolulu, HI 96822, pauldk@hawaii.edu

Declarations of interest: none

Download English Version:

<https://daneshyari.com/en/article/8877690>

Download Persian Version:

<https://daneshyari.com/article/8877690>

[Daneshyari.com](https://daneshyari.com)